

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: NEO-RAY

Report Number: P1012245

Luminaire Tested: S123RDIP-B1000D805UB35-4F0-XX-W2A-A4

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1012245
REPORT IS A COMBINATION OF REPORTS P992903 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S123RDIP-B1000D805UB35-4F0-XX-W2A-A4
Description: Define 3 Regressed Direct/Indirect Pendant with 3500K BioUP LEDs {m-DER=0.721}
{m-EER=0.792}
Light Source: -
Ballast/Driver: -

Summary

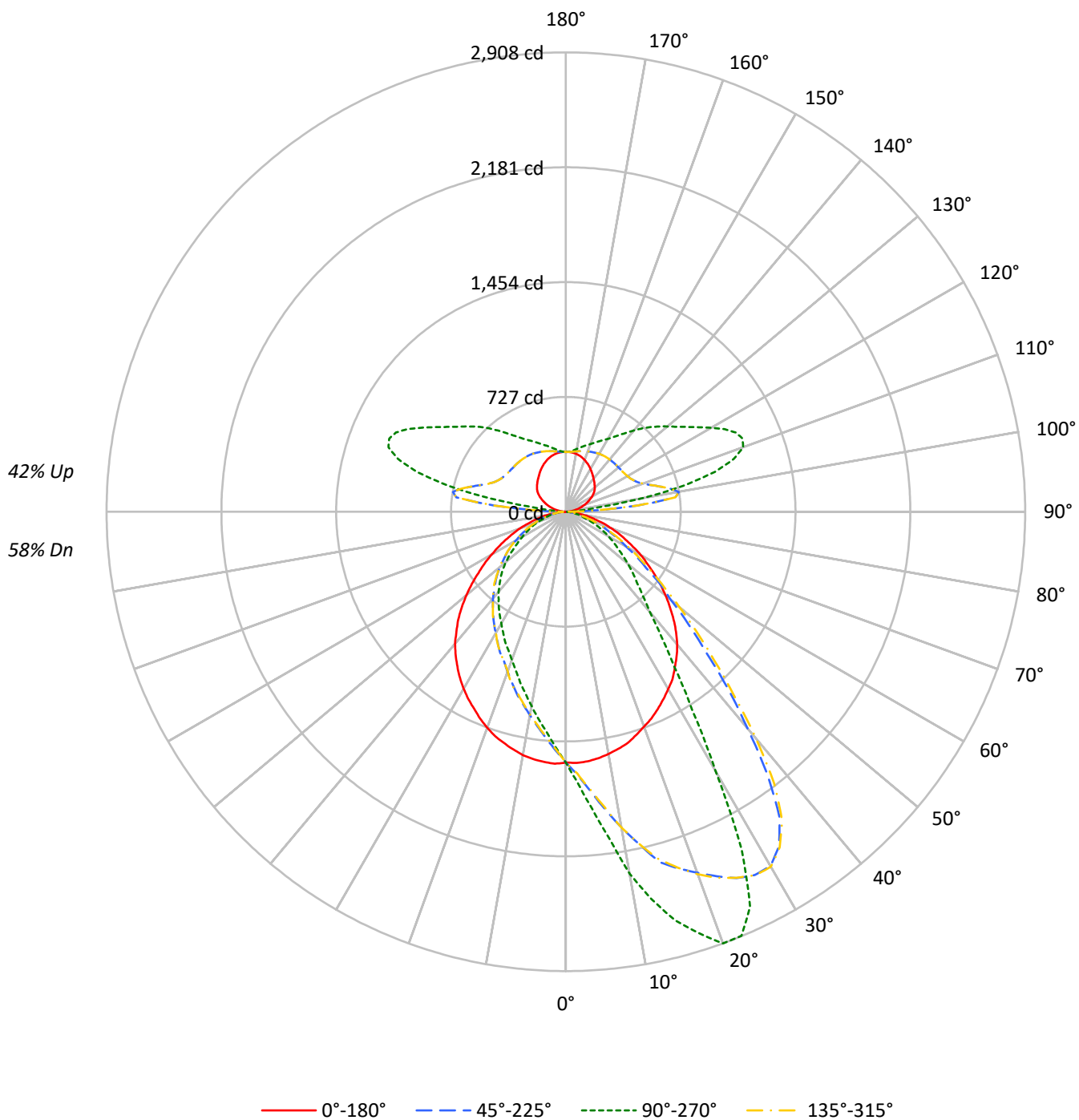
Lumens per Lamp: N/A
Luminaire Lumens: 6804.0 lumens
Efficiency: N/A
Efficacy: 100.2 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.2 / 1.34
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 67.9
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P1012245

CATALOG NUMBER: S123RDIP-B1000D805UB35-4F0-XX-W2A-A4

Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	109	109	109	109	102	102	102	102	88	88	88	75	75	75	64	64	64
1	100	96	92	89	93	90	87	84	78	76	74	67	66	64	57	56	55
2	92	85	79	74	86	79	74	70	69	65	62	60	57	55	51	49	47
3	84	75	68	62	78	70	64	59	62	57	53	54	50	47	46	43	41
4	77	67	59	53	72	63	56	51	55	50	46	48	44	41	42	39	36
5	71	60	52	46	66	57	49	44	50	44	40	44	39	36	38	34	32
6	66	54	46	41	61	51	44	39	45	39	35	40	35	32	34	31	28
7	61	49	41	36	57	46	39	34	41	35	31	36	32	28	32	28	25
8	57	45	37	32	53	42	35	31	38	32	28	33	29	25	29	26	23
9	53	41	34	29	50	39	32	28	35	29	25	31	26	23	27	23	21
10	50	38	31	26	46	36	29	25	32	27	23	28	24	21	25	22	19

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	17083	17083	17083	17083
5°	17097	19676	17140	14597
10°	16945	23751	17019	12750
15°	16771	26957	16771	11242
20°	16428	29076	16520	9973
25°	16176	27625	16143	9100
30°	15883	19140	15850	8246
35°	15531	12288	15460	7602
40°	15092	8677	15016	6962
45°	14328	6945	14308	6338
50°	13391	5809	13346	5609
55°	12336	4788	12236	4755
60°	11299	3958	11188	4044
65°	10085	3167	10150	3427
70°	8964	2201	9203	2771
75°	7596	1632	7908	2130
80°	6048	1083	6564	1597
85°	4303	512	4697	993

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 30°

Vertical Angle: 45°

Luminance: 22807 cd/sqm

TEST NUMBER: P1012245

CATALOG NUMBER: S123RDIP-B1000D805UB35-4F0-XX-W2A-A4

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	155.9	2.3
10°-20°	487.9	7.2
20°-30°	768.4	11.3
30°-40°	799.0	11.7
40°-50°	683.6	10.0
50°-60°	521.2	7.7
60°-70°	333.9	4.9
70°-80°	160.0	2.4
80°-90°	44.2	0.6
90°-100°	205.6	3.0
100°-110°	601.9	8.8
110°-120°	587.8	8.6
120°-130°	468.1	6.9
130°-140°	369.3	5.4
140°-150°	275.5	4.0
150°-160°	192.1	2.8
160°-170°	112.8	1.7
170°-180°	36.7	0.5
0°-30°	1412.2	20.8
0°-40°	2211.2	32.5
0°-60°	3416.0	50.2
0°-90°	3954.1	58.1
90°-120°	1395.3	20.5
90°-150°	2508.2	36.9
90°-180°	2850.0	41.9
0°-180°	6804.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1587	1587	1587	1587	1587	
5°	1586	1885	1590	1398	1586	150
15°	1515	2678	1515	1117	1515	426
25°	1378	2760	1375	909	1378	635
35°	1203	1197	1197	741	1203	753
45°	965	639	963	583	965	743
55°	681	401	675	398	681	610
65°	417	231	420	250	417	417
75°	200	98	208	128	200	216
85°	45	23	49	45	45	50
90°	2	22	2	22	2	4
95°	26	89	26	89	26	28
105°	89	976	89	976	89	94
115°	157	1186	157	1186	157	156
125°	219	936	219	936	219	194
135°	256	758	256	758	256	198
145°	292	593	292	593	292	183
155°	332	492	332	492	332	153
165°	363	429	363	429	363	102
175°	378	386	378	386	378	36
180°	379	379	379	379	379	

TEST NUMBER: P1012245

CATALOG NUMBER: S123RDIP-B1000D805UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1
2.5°	1591.2	1602.1	1610.2	1615.6	1629.2	1637.4	1644.2	1656.4	1656.4	1659.1	1664.6
5°	1585.8	1608.9	1625.2	1646.9	1675.4	1689.0	1708.0	1724.4	1747.5	1759.7	1771.9
7.5°	1573.5	1606.1	1640.1	1672.7	1714.8	1742.0	1761.0	1803.2	1833.1	1869.8	1898.3
10°	1557.2	1602.1	1645.5	1695.8	1752.9	1793.7	1822.2	1877.9	1935.0	1986.6	2030.1
12.5°	1536.8	1591.2	1653.7	1714.8	1795.0	1835.8	1882.0	1951.3	2032.8	2098.0	2156.5
15°	1515.1	1577.6	1648.3	1723.0	1823.5	1880.6	1947.2	2031.5	2122.5	2216.3	2296.4
17.5°	1481.1	1559.9	1638.7	1747.5	1865.7	1899.6	1956.7	2072.2	2185.0	2269.2	2367.1
20°	1447.2	1535.5	1634.7	1732.5	1860.2	1939.1	1992.0	2114.3	2235.3	2337.2	2430.9
22.5°	1415.9	1508.3	1611.6	1735.2	1854.8	1933.6	2000.2	2127.9	2267.9	2382.0	2497.5
25°	1377.9	1478.4	1592.5	1709.4	1854.8	1914.6	1988.0	2136.1	2284.2	2416.0	2558.7
27.5°	1337.1	1439.0	1551.8	1671.4	1804.5	1892.9	1964.9	2123.9	2304.6	2445.9	2592.6
30°	1296.3	1401.0	1509.7	1617.0	1766.5	1850.7	1933.6	2108.9	2315.4	2477.1	2589.9
32.5°	1256.9	1345.2	1452.6	1557.2	1705.3	1797.7	1891.5	2094.0	2319.5	2455.4	2509.8
35°	1202.6	1295.0	1381.9	1493.4	1642.8	1733.9	1843.9	2092.6	2301.9	2386.1	2358.9
37.5°	1152.3	1229.7	1312.6	1411.8	1565.4	1683.6	1797.7	2057.3	2243.4	2248.9	2095.3
40°	1096.6	1160.4	1229.7	1334.4	1500.1	1617.0	1740.7	2002.9	2137.4	2057.3	1786.9
42.5°	1032.7	1089.8	1144.1	1246.0	1426.8	1557.2	1690.4	1935.0	1983.9	1799.1	1517.8
45°	964.8	1011.0	1061.2	1168.6	1349.3	1478.4	1611.6	1830.3	1780.1	1519.2	1251.5
47.5°	894.1	933.5	982.4	1080.3	1266.4	1398.2	1524.6	1680.9	1553.1	1273.2	1049.0
50°	823.5	854.7	902.3	1002.8	1182.2	1301.8	1418.6	1520.5	1341.2	1092.5	866.9
52.5°	754.2	778.6	827.5	913.1	1087.1	1201.2	1285.5	1324.9	1142.8	902.3	752.8
55°	680.8	708.0	740.6	827.5	1000.1	1084.3	1140.1	1138.7	951.2	765.0	622.3
57.5°	610.1	634.6	663.1	750.1	890.0	947.1	994.7	971.6	793.6	626.4	534.0
60°	547.6	561.2	592.4	665.8	771.8	820.7	847.9	808.5	648.2	528.6	441.6
62.5°	479.7	493.3	519.1	588.4	653.6	679.4	702.5	652.2	535.4	430.7	377.8
65°	417.2	434.8	451.1	506.8	542.2	573.4	570.7	528.6	418.5	350.6	307.1
67.5°	362.8	369.6	383.2	417.2	433.5	456.6	457.9	410.4	337.0	285.4	259.5
70°	304.4	311.2	320.7	337.0	347.9	353.3	350.6	308.5	254.1	222.8	199.7
72.5°	254.1	252.7	259.5	259.5	270.4	269.0	260.9	228.3	193.0	167.1	153.5
75°	199.7	201.1	202.5	199.7	195.7	190.2	183.4	159.0	135.9	123.7	111.4
77.5°	156.3	153.5	154.9	145.4	140.0	134.5	125.0	112.8	93.8	91.0	85.6
80°	111.4	110.1	108.7	104.6	92.4	87.0	80.2	73.4	69.3	66.6	65.2
82.5°	74.7	74.7	72.0	63.9	57.1	53.0	51.6	48.9	44.8	44.8	43.5
85°	44.8	43.5	40.8	32.6	28.5	28.5	28.5	28.5	25.8	25.8	24.5
87.5°	17.7	16.3	12.2	12.2	10.9	10.9	10.9	9.5	9.5	8.2	8.2
90°	1.5	3.1	4.6	6.9	8.4	9.2	10.0	12.3	14.6	16.9	19.2
92.5°	11.5	16.9	24.5	31.4	39.1	46.0	52.9	77.5	118.1	158.0	142.7
95°	26.1	28.4	36.8	49.9	69.8	84.8	99.7	164.9	279.2	404.9	454.8
97.5°	41.4	42.2	49.1	60.6	80.5	97.0	113.5	177.9	310.6	522.3	699.5
100°	56.8	57.5	62.9	73.6	92.0	107.0	121.9	175.6	289.1	490.8	726.3
102.5°	72.9	74.4	79.0	89.0	105.1	118.5	131.9	178.7	270.7	444.8	676.4
105°	89.0	91.3	95.9	105.1	119.6	131.5	143.4	184.8	263.8	408.8	616.6
107.5°	105.8	108.1	112.7	121.9	135.7	146.8	158.0	194.8	262.3	382.7	563.7
110°	124.2	126.5	130.4	138.8	151.9	162.6	173.3	207.8	266.1	368.9	520.0

TEST NUMBER: P1012245

CATALOG NUMBER: S123RDIP-B1000D805UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	141.1	143.4	147.3	155.7	168.7	179.0	189.4	220.9	273.8	361.2	490.8
115°	157.2	160.3	164.9	172.6	185.6	196.0	206.3	235.5	282.2	360.5	471.7
117.5°	173.3	177.2	181.0	187.9	202.5	212.0	221.6	250.8	293.0	361.2	458.6
120°	190.2	192.5	196.3	204.0	218.6	228.2	237.8	265.4	305.2	364.3	450.2
122.5°	204.8	207.1	210.9	219.3	233.2	243.6	253.9	280.7	316.7	369.7	444.8
125°	218.6	220.1	224.7	233.2	247.7	258.0	268.4	295.3	329.0	375.0	440.2
127.5°	229.3	231.6	237.0	245.4	261.5	271.8	282.2	308.3	339.0	381.2	437.9
130°	239.3	241.6	248.5	257.7	273.8	284.2	294.5	319.8	349.0	387.3	435.6
132.5°	247.0	250.0	257.7	269.2	285.3	295.2	305.2	329.8	358.2	391.9	434.9
135°	256.2	259.2	267.7	279.2	295.3	305.6	316.0	339.8	365.8	396.5	434.1
137.5°	264.6	267.7	276.1	288.4	304.5	314.1	323.7	346.7	372.0	399.6	432.6
140°	273.0	276.9	284.5	296.8	312.1	321.7	331.3	353.6	376.6	402.6	431.8
142.5°	282.2	285.3	293.7	304.5	319.8	328.6	337.5	358.9	381.2	404.9	430.3
145°	292.2	294.5	301.4	312.9	326.0	334.8	343.6	363.5	384.2	405.7	428.7
147.5°	302.2	303.7	310.6	320.6	333.6	341.3	349.0	367.4	386.5	405.7	426.4
150°	312.1	312.9	319.0	329.0	339.8	346.7	353.6	371.2	387.3	405.7	423.4
152.5°	322.1	322.1	328.3	336.7	345.9	352.4	358.9	373.5	388.8	403.4	419.5
155°	332.1	332.1	336.7	344.4	352.8	358.2	363.5	376.6	388.8	401.9	414.9
157.5°	339.8	340.5	344.4	351.3	358.9	363.2	367.4	378.1	389.6	399.6	411.1
160°	349.0	349.0	352.0	358.2	363.5	367.4	371.2	380.4	389.6	398.0	406.5
162.5°	355.9	355.9	358.2	362.8	367.4	370.4	373.5	381.2	388.8	395.0	401.9
165°	362.8	362.0	363.5	367.4	370.4	373.1	375.8	381.9	387.3	391.9	397.3
167.5°	368.1	367.4	368.1	371.2	373.5	375.4	377.3	381.9	386.5	388.8	392.7
170°	372.7	371.2	372.0	374.3	375.8	376.6	377.3	381.2	384.2	385.8	388.1
172.5°	375.8	375.0	375.0	376.6	377.3	377.7	378.1	381.2	383.5	383.5	384.2
175°	378.1	377.3	376.6	378.1	378.1	378.5	378.9	380.4	381.9	381.2	381.2
177.5°	379.6	378.9	378.1	378.9	378.9	378.9	378.9	379.6	381.2	379.6	378.9
180°	378.9	378.9	378.9	378.9	378.9	378.9	378.9	378.9	378.9	378.9	378.9

TEST NUMBER: P1012245

CATALOG NUMBER: S123RDIP-B1000D805UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1
2.5°	1675.4	1675.4	1687.7	1699.9	1693.1	1697.2	1712.1	1706.7	1717.6	1716.2	1720.3
5°	1801.8	1816.8	1829.0	1854.8	1858.9	1854.8	1880.6	1887.4	1899.6	1884.7	1891.5
7.5°	1944.5	1975.7	2005.6	2043.7	2055.9	2058.6	2072.2	2091.2	2107.5	2077.7	2092.6
10°	2083.1	2130.6	2191.8	2225.8	2255.7	2266.5	2277.4	2289.6	2308.7	2326.3	2312.7
12.5°	2232.6	2301.9	2360.3	2421.4	2458.1	2454.0	2485.3	2493.5	2508.4	2512.5	2517.9
15°	2354.9	2452.7	2489.4	2580.4	2588.6	2615.7	2651.1	2682.3	2686.4	2678.3	2678.3
17.5°	2471.7	2556.0	2621.2	2694.6	2709.5	2732.6	2777.4	2792.4	2797.8	2796.5	2796.5
20°	2566.8	2622.5	2732.6	2793.8	2818.2	2848.1	2879.4	2898.4	2902.5	2907.9	2899.7
22.5°	2629.3	2713.6	2803.3	2853.5	2873.9	2884.8	2905.2	2910.6	2903.8	2905.2	2906.5
25°	2678.3	2761.1	2815.5	2829.1	2827.7	2814.1	2799.2	2773.4	2770.7	2759.8	2738.0
27.5°	2691.8	2723.1	2716.3	2660.6	2604.9	2599.4	2509.8	2460.8	2405.1	2413.3	2382.0
30°	2618.5	2577.7	2481.2	2339.9	2281.5	2186.4	2085.8	1981.2	1940.4	1895.6	1978.5
32.5°	2439.1	2293.7	2122.5	1939.1	1841.2	1757.0	1649.6	1573.5	1530.0	1493.4	1564.0
35°	2168.7	1941.8	1714.8	1540.9	1460.7	1384.6	1284.1	1246.0	1191.7	1197.1	1203.9
37.5°	1820.8	1570.8	1399.6	1228.4	1175.4	1144.1	1070.8	1012.3	993.3	987.9	987.9
40°	1494.7	1289.5	1137.3	1002.8	962.1	936.2	877.8	850.6	830.2	824.8	831.6
42.5°	1236.5	1061.2	943.0	853.3	824.8	792.2	767.7	733.8	729.7	720.2	732.4
45°	1038.1	886.0	797.6	732.4	708.0	695.7	668.5	648.2	640.0	638.7	648.2
47.5°	880.5	762.3	684.9	644.1	625.1	612.8	589.7	581.6	573.4	576.1	572.1
50°	739.2	650.9	600.6	563.9	551.7	539.5	524.5	516.4	512.3	512.3	510.9
52.5°	634.6	561.2	528.6	494.6	489.2	482.4	466.1	460.6	453.8	452.5	457.9
55°	543.5	493.3	460.6	440.3	434.8	421.2	414.4	407.6	403.6	400.9	402.2
57.5°	464.7	426.7	404.9	387.3	377.8	372.3	360.1	358.7	356.0	356.0	354.7
60°	399.5	372.3	346.5	335.6	328.8	322.0	320.7	312.5	308.5	311.2	309.8
62.5°	338.3	316.6	301.7	289.4	285.4	279.9	275.8	273.1	269.0	270.4	270.4
65°	282.6	265.0	254.1	243.2	241.9	236.4	235.1	232.4	232.4	231.0	233.7
67.5°	232.4	220.1	210.6	203.8	199.7	201.1	195.7	191.6	191.6	190.2	194.3
70°	184.8	178.0	168.5	160.3	154.9	154.9	148.1	146.8	146.8	146.8	145.4
72.5°	142.7	130.4	126.4	123.7	123.7	123.7	120.9	120.9	119.6	120.9	119.6
75°	106.0	104.6	101.9	100.6	100.6	99.2	97.8	97.8	97.8	97.8	97.8
77.5°	82.9	82.9	80.2	78.8	78.8	78.8	77.5	77.5	76.1	76.1	76.1
80°	61.1	61.1	58.4	58.4	58.4	57.1	57.1	57.1	58.4	57.1	57.1
82.5°	42.1	42.1	40.8	42.1	40.8	39.4	39.4	39.4	38.0	39.4	39.4
85°	24.5	24.5	23.1	21.7	23.1	23.1	21.7	23.1	21.7	23.1	21.7
87.5°	9.5	8.2	8.2	8.2	6.8	8.2	6.8	6.8	8.2	6.8	8.2
90°	18.4	19.2	19.9	20.7	21.4	22.2	21.5	22.2	23.0	22.2	23.0
92.5°	106.6	75.9	59.1	51.4	48.7	46.0	44.5	41.4	42.2	40.6	42.2
95°	368.9	276.1	187.1	146.5	132.7	118.9	104.3	97.4	92.0	89.0	92.0
97.5°	723.2	634.3	478.6	377.3	333.6	289.9	238.5	209.4	191.0	182.5	191.0
100°	877.4	904.2	842.1	752.4	698.0	643.5	566.0	510.0	480.1	480.9	480.1
102.5°	885.1	994.0	1007.0	964.0	934.5	905.0	849.0	807.6	783.8	761.6	783.8
105°	836.7	997.0	1073.7	1088.3	1078.4	1068.4	1033.1	1003.9	979.4	975.6	979.4
107.5°	767.7	951.0	1071.4	1131.2	1141.6	1152.0	1147.3	1133.5	1123.6	1115.1	1123.6
110°	703.3	878.9	1020.0	1116.7	1143.6	1170.4	1191.8	1198.0	1196.4	1194.9	1196.4

TEST NUMBER: P1012245

CATALOG NUMBER: S123RDIP-B1000D805UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	647.3	807.6	952.5	1063.8	1100.2	1136.6	1180.3	1202.6	1210.2	1211.0	1210.2
115°	604.4	746.2	879.7	992.4	1034.2	1076.0	1133.5	1167.3	1182.6	1186.5	1182.6
117.5°	576.0	698.7	816.8	920.3	963.6	1007.0	1066.8	1104.4	1127.4	1132.8	1127.4
120°	554.5	662.6	766.2	858.2	897.0	935.7	996.3	1039.2	1057.6	1062.2	1057.6
122.5°	536.9	634.3	725.5	809.1	844.4	879.7	931.8	969.4	990.1	996.3	990.1
125°	522.3	609.7	693.3	766.9	797.6	828.3	877.4	911.1	930.3	935.7	930.3
127.5°	508.5	587.5	663.4	730.9	759.3	787.7	832.1	861.3	878.9	883.5	878.9
130°	497.7	566.8	635.8	697.9	724.0	750.1	790.7	818.3	834.4	840.6	834.4
132.5°	487.8	547.6	609.7	666.5	691.0	715.6	753.1	780.7	794.6	798.4	794.6
135°	479.3	530.7	585.2	635.0	656.8	678.7	716.3	739.3	753.1	758.5	753.1
137.5°	471.7	514.6	560.6	605.1	624.7	644.2	676.4	700.2	711.7	716.3	711.7
140°	464.8	500.8	539.9	576.7	593.2	609.7	638.9	660.3	672.6	671.8	672.6
142.5°	458.6	487.8	520.0	550.7	564.5	578.3	602.1	620.5	631.2	630.4	631.2
145°	453.3	477.8	503.1	527.7	538.8	549.9	569.1	585.2	591.3	592.8	591.3
147.5°	447.9	469.4	490.1	510.8	518.8	526.9	542.2	553.7	559.9	560.6	559.9
150°	442.5	460.2	477.8	493.9	501.2	508.5	520.0	528.4	533.0	533.0	533.0
152.5°	436.4	451.7	466.3	480.1	485.8	491.6	500.0	507.7	510.0	510.0	510.0
155°	430.3	443.3	455.6	467.1	471.7	476.3	483.2	489.3	490.8	491.6	490.8
157.5°	423.4	434.1	444.8	454.0	457.8	461.7	467.8	472.4	474.0	474.0	474.0
160°	416.5	426.4	434.9	442.5	445.2	447.9	453.3	457.9	457.9	457.1	457.9
162.5°	409.5	417.2	424.1	431.0	433.3	435.6	438.7	442.5	442.5	441.8	442.5
165°	403.4	409.5	414.1	419.5	421.4	423.4	426.4	429.5	428.7	428.7	428.7
167.5°	397.3	402.6	406.5	409.5	411.0	412.6	414.1	416.5	415.7	415.7	415.7
170°	391.9	395.7	398.0	401.1	401.8	402.6	403.4	404.9	404.2	404.2	404.2
172.5°	386.5	389.6	391.1	393.4	393.8	394.2	394.2	395.7	394.2	393.4	394.2
175°	382.7	384.2	385.0	386.5	386.5	386.5	386.5	387.3	386.5	385.8	386.5
177.5°	379.6	380.4	381.2	381.9	381.9	381.9	381.2	381.9	380.4	380.4	380.4
180°	378.9	378.9	378.9	378.9	378.9	378.9	378.9	378.9	378.9	378.9	378.9

TEST NUMBER: P1012245

CATALOG NUMBER: S123RDIP-B1000D805UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1
2.5°	1713.5	1705.3	1699.9	1695.8	1691.7	1704.0	1687.7	1670.0	1657.8	1649.6	1646.9
5°	1892.9	1875.2	1860.2	1848.0	1850.7	1850.7	1822.2	1790.9	1763.8	1748.8	1732.5
7.5°	2100.8	2081.7	2051.8	2045.0	2039.6	2005.6	1977.1	1920.0	1886.1	1852.1	1822.2
10°	2307.3	2282.8	2254.3	2244.8	2231.2	2189.1	2145.6	2072.2	2030.1	1967.6	1928.2
12.5°	2500.2	2470.4	2441.8	2435.0	2414.6	2378.0	2303.2	2227.1	2155.1	2088.5	2019.2
15°	2661.9	2653.8	2610.3	2583.1	2538.3	2488.0	2471.7	2368.4	2277.4	2208.1	2083.1
17.5°	2797.8	2759.8	2719.0	2701.4	2683.7	2625.3	2566.8	2460.8	2363.0	2261.1	2180.9
20°	2906.5	2864.4	2835.9	2810.1	2801.9	2735.3	2642.9	2549.2	2441.8	2327.7	2223.0
22.5°	2912.0	2906.5	2887.5	2872.6	2856.3	2812.8	2739.4	2622.5	2508.4	2383.4	2246.1
25°	2799.2	2791.0	2845.4	2831.8	2842.7	2826.4	2787.0	2689.1	2556.0	2409.2	2270.6
27.5°	2459.5	2542.4	2628.0	2657.9	2678.3	2736.7	2755.7	2701.4	2594.0	2437.7	2282.8
30°	1997.5	2107.5	2246.1	2320.9	2378.0	2486.7	2628.0	2645.6	2595.4	2470.4	2280.1
32.5°	1568.1	1668.6	1780.1	1868.4	1944.5	2167.3	2357.6	2494.8	2519.3	2454.0	2286.9
35°	1263.7	1307.2	1413.2	1497.4	1600.7	1790.9	2015.1	2236.6	2386.1	2394.3	2266.5
37.5°	1042.2	1065.3	1157.7	1205.3	1266.4	1433.6	1642.8	1932.3	2164.6	2274.7	2209.5
40°	862.9	915.9	968.8	996.0	1039.5	1155.0	1356.1	1583.0	1871.1	2074.9	2121.1
42.5°	748.7	771.8	805.8	843.8	871.0	971.6	1106.1	1314.0	1573.5	1857.5	1985.3
45°	660.4	668.5	703.9	728.3	756.9	827.5	922.6	1096.6	1324.9	1604.8	1822.2
47.5°	587.0	603.3	622.3	637.3	656.3	710.7	792.2	918.6	1119.7	1369.7	1603.4
50°	521.8	531.3	555.8	562.6	576.1	614.2	676.7	773.2	939.0	1138.7	1380.6
52.5°	460.6	478.3	487.8	497.3	509.6	540.8	581.6	660.4	785.4	972.9	1178.1
55°	413.1	418.5	432.1	440.3	449.8	471.5	506.8	565.3	663.1	812.6	1006.9
57.5°	366.9	366.9	380.5	387.3	396.8	413.1	444.3	489.2	559.8	671.3	849.3
60°	318.0	319.3	330.2	338.3	341.1	357.4	383.2	418.5	472.9	554.4	699.8
62.5°	274.5	281.3	286.7	289.4	298.9	308.5	330.2	354.7	392.7	464.7	568.0
65°	237.8	239.2	243.2	245.9	250.0	260.9	277.2	293.5	326.1	379.1	463.4
67.5°	195.7	201.1	206.5	206.5	210.6	216.1	232.4	245.9	270.4	301.7	358.7
70°	146.8	149.5	157.6	161.7	167.1	176.6	184.8	193.0	212.0	235.1	278.6
72.5°	122.3	122.3	125.0	126.4	126.4	133.2	145.4	153.5	163.1	179.4	209.3
75°	97.8	97.8	101.9	100.6	103.3	106.0	107.3	112.8	118.2	130.4	148.1
77.5°	77.5	78.8	78.8	80.2	80.2	81.5	82.9	85.6	88.3	95.1	103.3
80°	57.1	58.4	58.4	59.8	59.8	61.1	62.5	63.9	66.6	69.3	73.4
82.5°	39.4	40.8	40.8	42.1	40.8	42.1	43.5	43.5	44.8	47.6	48.9
85°	23.1	23.1	24.5	23.1	23.1	23.1	24.5	24.5	25.8	29.9	29.9
87.5°	6.8	8.2	6.8	8.2	8.2	8.2	8.2	9.5	9.5	10.9	12.2
90°	22.2	21.5	22.2	21.4	20.7	19.9	19.2	18.4	19.2	16.9	14.6
92.5°	41.4	44.5	46.0	48.7	51.4	59.1	75.9	106.6	142.7	158.0	118.1
95°	97.4	104.3	118.9	132.7	146.5	187.1	276.1	368.9	454.8	404.9	279.2
97.5°	209.4	238.5	289.9	333.6	377.3	478.6	634.3	723.2	699.5	522.3	310.6
100°	510.0	566.0	643.5	698.0	752.4	842.1	904.2	877.4	726.3	490.8	289.1
102.5°	807.6	849.0	905.0	934.5	964.0	1007.0	994.0	885.1	676.4	444.8	270.7
105°	1003.9	1033.1	1068.4	1078.4	1088.3	1073.7	997.0	836.7	616.6	408.8	263.8
107.5°	1133.5	1147.3	1152.0	1141.6	1131.2	1071.4	951.0	767.7	563.7	382.7	262.3
110°	1198.0	1191.8	1170.4	1143.6	1116.7	1020.0	878.9	703.3	520.0	368.9	266.1

TEST NUMBER: P1012245

CATALOG NUMBER: S123RDIP-B1000D805UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	1202.6	1180.3	1136.6	1100.2	1063.8	952.5	807.6	647.3	490.8	361.2	273.8
115°	1167.3	1133.5	1076.0	1034.2	992.4	879.7	746.2	604.4	471.7	360.5	282.2
117.5°	1104.4	1066.8	1007.0	963.6	920.3	816.8	698.7	576.0	458.6	361.2	293.0
120°	1039.2	996.3	935.7	897.0	858.2	766.2	662.6	554.5	450.2	364.3	305.2
122.5°	969.4	931.8	879.7	844.4	809.1	725.5	634.3	536.9	444.8	369.7	316.7
125°	911.1	877.4	828.3	797.6	766.9	693.3	609.7	522.3	440.2	375.0	329.0
127.5°	861.3	832.1	787.7	759.3	730.9	663.4	587.5	508.5	437.9	381.2	339.0
130°	818.3	790.7	750.1	724.0	697.9	635.8	566.8	497.7	435.6	387.3	349.0
132.5°	780.7	753.1	715.6	691.0	666.5	609.7	547.6	487.8	434.9	391.9	358.2
135°	739.3	716.3	678.7	656.8	635.0	585.2	530.7	479.3	434.1	396.5	365.8
137.5°	700.2	676.4	644.2	624.7	605.1	560.6	514.6	471.7	432.6	399.6	372.0
140°	660.3	638.9	609.7	593.2	576.7	539.9	500.8	464.8	431.8	402.6	376.6
142.5°	620.5	602.1	578.3	564.5	550.7	520.0	487.8	458.6	430.3	404.9	381.2
145°	585.2	569.1	549.9	538.8	527.7	503.1	477.8	453.3	428.7	405.7	384.2
147.5°	553.7	542.2	526.9	518.8	510.8	490.1	469.4	447.9	426.4	405.7	386.5
150°	528.4	520.0	508.5	501.2	493.9	477.8	460.2	442.5	423.4	405.7	387.3
152.5°	507.7	500.0	491.6	485.8	480.1	466.3	451.7	436.4	419.5	403.4	388.8
155°	489.3	483.2	476.3	471.7	467.1	455.6	443.3	430.3	414.9	401.9	388.8
157.5°	472.4	467.8	461.7	457.8	454.0	444.8	434.1	423.4	411.1	399.6	389.6
160°	457.9	453.3	447.9	445.2	442.5	434.9	426.4	416.5	406.5	398.0	389.6
162.5°	442.5	438.7	435.6	433.3	431.0	424.1	417.2	409.5	401.9	395.0	388.8
165°	429.5	426.4	423.4	421.4	419.5	414.1	409.5	403.4	397.3	391.9	387.3
167.5°	416.5	414.1	412.6	411.0	409.5	406.5	402.6	397.3	392.7	388.8	386.5
170°	404.9	403.4	402.6	401.8	401.1	398.0	395.7	391.9	388.1	385.8	384.2
172.5°	395.7	394.2	394.2	393.8	393.4	391.1	389.6	386.5	384.2	383.5	383.5
175°	387.3	386.5	386.5	386.5	386.5	385.0	384.2	382.7	381.2	381.2	381.9
177.5°	381.9	381.2	381.9	381.9	381.9	381.2	380.4	379.6	378.9	379.6	381.2
180°	378.9	378.9	378.9	378.9	378.9	378.9	378.9	378.9	378.9	378.9	378.9

TEST NUMBER: P1012245

CATALOG NUMBER: S123RDIP-B1000D805UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1
2.5°	1642.8	1636.0	1629.2	1629.2	1614.3	1600.7	1593.9	1596.6	1588.5	1577.6	1566.7
5°	1714.8	1687.7	1682.2	1667.3	1646.9	1618.4	1603.4	1589.8	1573.5	1551.8	1531.4
7.5°	1781.4	1746.1	1727.1	1712.1	1672.7	1633.3	1600.7	1579.0	1550.4	1517.8	1493.4
10°	1868.4	1803.2	1782.8	1748.8	1693.1	1637.4	1599.3	1564.0	1524.6	1486.6	1453.9
12.5°	1937.7	1863.0	1824.9	1790.9	1718.9	1648.3	1584.4	1540.9	1493.4	1451.2	1409.1
15°	2016.5	1932.3	1865.7	1824.9	1733.9	1648.3	1576.2	1515.1	1462.1	1410.5	1373.8
17.5°	2054.6	1948.6	1918.7	1860.2	1728.4	1642.8	1554.5	1489.3	1425.4	1365.6	1322.1
20°	2114.3	1990.7	1916.0	1876.5	1759.7	1633.3	1530.0	1455.3	1388.7	1324.9	1278.7
22.5°	2118.4	1983.9	1935.0	1860.2	1716.2	1604.8	1508.3	1417.3	1339.8	1280.0	1232.5
25°	2108.9	1971.7	1903.7	1843.9	1724.4	1588.5	1464.8	1375.1	1299.0	1229.7	1174.0
27.5°	2104.8	1936.3	1872.5	1812.7	1678.2	1540.9	1439.0	1337.1	1250.1	1189.0	1131.9
30°	2099.4	1898.3	1820.8	1751.5	1627.9	1504.2	1381.9	1293.6	1210.7	1133.3	1076.2
32.5°	2064.1	1846.6	1767.8	1694.5	1561.3	1437.6	1341.2	1247.4	1157.7	1085.7	1034.1
35°	2053.2	1799.1	1695.8	1617.0	1486.6	1376.5	1274.6	1197.1	1112.9	1040.9	979.7
37.5°	2021.9	1750.2	1638.7	1538.2	1402.3	1297.7	1222.9	1145.5	1064.0	986.5	937.6
40°	1967.6	1693.1	1566.7	1463.5	1323.5	1217.5	1148.2	1091.1	1011.0	941.7	881.9
42.5°	1887.4	1634.7	1498.8	1390.1	1235.2	1136.0	1078.9	1024.6	956.6	884.6	835.7
45°	1795.0	1557.2	1430.8	1309.9	1152.3	1055.8	996.0	963.4	900.9	839.8	782.7
47.5°	1668.6	1477.0	1352.0	1227.0	1066.7	972.9	925.4	892.8	849.3	782.7	736.5
50°	1509.7	1373.8	1255.6	1144.1	982.4	892.8	845.2	820.7	784.0	736.5	691.6
52.5°	1333.0	1254.2	1156.4	1053.1	896.8	812.6	769.1	750.1	722.9	678.1	640.0
55°	1155.0	1121.0	1054.5	952.5	807.1	737.8	699.8	675.3	655.0	622.3	589.7
57.5°	996.0	979.7	933.5	854.7	732.4	660.4	627.8	611.5	595.2	570.7	538.1
60°	831.6	849.3	801.7	762.3	650.9	588.4	559.8	542.2	534.0	512.3	491.9
62.5°	688.9	705.2	678.1	648.2	569.3	513.6	496.0	479.7	474.2	455.2	434.8
65°	559.8	580.2	559.8	543.5	496.0	449.8	428.0	419.9	414.4	402.2	385.9
67.5°	445.7	466.1	456.6	436.2	421.2	383.2	371.0	362.8	360.1	350.6	337.0
70°	335.6	364.2	366.9	354.7	341.1	323.4	315.2	312.5	305.7	297.6	289.4
72.5°	241.9	274.5	275.8	275.8	267.7	267.7	259.5	255.5	255.5	247.3	237.8
75°	178.0	199.7	202.5	205.2	209.3	213.3	207.9	207.9	206.5	198.4	194.3
77.5°	118.2	137.2	144.0	153.5	159.0	159.0	161.7	164.4	161.7	157.6	154.9
80°	76.1	89.7	97.8	103.3	111.4	115.5	119.6	120.9	118.2	116.9	112.8
82.5°	50.3	54.4	58.4	65.2	74.7	81.5	81.5	80.2	82.9	81.5	80.2
85°	28.5	31.3	32.6	34.0	39.4	46.2	47.6	48.9	51.6	48.9	46.2
87.5°	10.9	12.2	12.2	12.2	14.9	16.3	20.4	25.8	24.5	21.7	21.7
90°	12.3	10.0	9.2	8.4	6.9	4.6	3.1	1.5	3.1	4.6	6.9
92.5°	77.5	52.9	46.0	39.1	31.4	24.5	16.9	11.5	16.9	24.5	31.4
95°	164.9	99.7	84.8	69.8	49.9	36.8	28.4	26.1	28.4	36.8	49.9
97.5°	177.9	113.5	97.0	80.5	60.6	49.1	42.2	41.4	42.2	49.1	60.6
100°	175.6	121.9	107.0	92.0	73.6	62.9	57.5	56.8	57.5	62.9	73.6
102.5°	178.7	131.9	118.5	105.1	89.0	79.0	74.4	72.9	74.4	79.0	89.0
105°	184.8	143.4	131.5	119.6	105.1	95.9	91.3	89.0	91.3	95.9	105.1
107.5°	194.8	158.0	146.8	135.7	121.9	112.7	108.1	105.8	108.1	112.7	121.9
110°	207.8	173.3	162.6	151.9	138.8	130.4	126.5	124.2	126.5	130.4	138.8

TEST NUMBER: P1012245

CATALOG NUMBER: S123RDIP-B1000D805UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	220.9	189.4	179.0	168.7	155.7	147.3	143.4	141.1	143.4	147.3	155.7
115°	235.5	206.3	196.0	185.6	172.6	164.9	160.3	157.2	160.3	164.9	172.6
117.5°	250.8	221.6	212.0	202.5	187.9	181.0	177.2	173.3	177.2	181.0	187.9
120°	265.4	237.8	228.2	218.6	204.0	196.3	192.5	190.2	192.5	196.3	204.0
122.5°	280.7	253.9	243.6	233.2	219.3	210.9	207.1	204.8	207.1	210.9	219.3
125°	295.3	268.4	258.0	247.7	233.2	224.7	220.1	218.6	220.1	224.7	233.2
127.5°	308.3	282.2	271.8	261.5	245.4	237.0	231.6	229.3	231.6	237.0	245.4
130°	319.8	294.5	284.2	273.8	257.7	248.5	241.6	239.3	241.6	248.5	257.7
132.5°	329.8	305.2	295.2	285.3	269.2	257.7	250.0	247.0	250.0	257.7	269.2
135°	339.8	316.0	305.6	295.3	279.2	267.7	259.2	256.2	259.2	267.7	279.2
137.5°	346.7	323.7	314.1	304.5	288.4	276.1	267.7	264.6	267.7	276.1	288.4
140°	353.6	331.3	321.7	312.1	296.8	284.5	276.9	273.0	276.9	284.5	296.8
142.5°	358.9	337.5	328.6	319.8	304.5	293.7	285.3	282.2	285.3	293.7	304.5
145°	363.5	343.6	334.8	326.0	312.9	301.4	294.5	292.2	294.5	301.4	312.9
147.5°	367.4	349.0	341.3	333.6	320.6	310.6	303.7	302.2	303.7	310.6	320.6
150°	371.2	353.6	346.7	339.8	329.0	319.0	312.9	312.1	312.9	319.0	329.0
152.5°	373.5	358.9	352.4	345.9	336.7	328.3	322.1	322.1	322.1	328.3	336.7
155°	376.6	363.5	358.2	352.8	344.4	336.7	332.1	332.1	332.1	336.7	344.4
157.5°	378.1	367.4	363.2	358.9	351.3	344.4	340.5	339.8	340.5	344.4	351.3
160°	380.4	371.2	367.4	363.5	358.2	352.0	349.0	349.0	349.0	352.0	358.2
162.5°	381.2	373.5	370.4	367.4	362.8	358.2	355.9	355.9	355.9	358.2	362.8
165°	381.9	375.8	373.1	370.4	367.4	363.5	362.0	362.8	362.0	363.5	367.4
167.5°	381.9	377.3	375.4	373.5	371.2	368.1	367.4	368.1	367.4	368.1	371.2
170°	381.2	377.3	376.6	375.8	374.3	372.0	371.2	372.7	371.2	372.0	374.3
172.5°	381.2	378.1	377.7	377.3	376.6	375.0	375.0	375.8	375.0	375.0	376.6
175°	380.4	378.9	378.5	378.1	378.1	376.6	377.3	378.1	377.3	376.6	378.1
177.5°	379.6	378.9	378.9	378.9	378.9	378.1	378.9	379.6	378.9	378.1	378.9
180°	378.9	378.9	378.9	378.9	378.9	378.9	378.9	378.9	378.9	378.9	378.9

TEST NUMBER: P1012245

CATALOG NUMBER: S123RDIP-B1000D805UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1
2.5°	1566.7	1559.9	1557.2	1550.4	1534.1	1523.2	1511.0	1502.9	1504.2	1497.4	1501.5
5°	1517.8	1516.5	1506.9	1493.4	1470.3	1458.0	1436.3	1425.4	1420.0	1421.3	1413.2
7.5°	1477.0	1464.8	1458.0	1436.3	1414.5	1388.7	1371.1	1361.5	1353.4	1345.2	1339.8
10°	1430.8	1420.0	1409.1	1386.0	1356.1	1331.7	1307.2	1297.7	1285.5	1280.0	1275.9
12.5°	1381.9	1375.1	1361.5	1334.4	1300.4	1277.3	1248.8	1243.3	1227.0	1216.2	1213.4
15°	1337.1	1333.0	1308.6	1277.3	1243.3	1220.2	1195.8	1179.5	1152.3	1157.7	1148.2
17.5°	1289.5	1271.9	1256.9	1214.8	1198.5	1163.2	1134.6	1126.5	1107.4	1095.2	1083.0
20°	1236.5	1225.7	1206.6	1179.5	1140.1	1099.3	1077.6	1064.0	1053.1	1034.1	1028.6
22.5°	1186.3	1172.7	1156.4	1121.0	1087.1	1053.1	1023.2	1011.0	997.4	983.8	975.6
25°	1146.9	1126.5	1108.8	1065.3	1031.4	1002.8	983.8	963.4	944.4	936.2	933.5
27.5°	1085.7	1073.5	1055.8	1015.0	983.8	952.5	934.9	921.3	900.9	891.4	883.2
30°	1046.3	1021.8	1001.5	968.8	937.6	903.6	887.3	871.0	858.8	846.6	837.0
32.5°	993.3	974.3	958.0	925.4	894.1	862.9	845.2	820.7	813.9	804.4	793.6
35°	941.7	929.4	911.8	876.4	842.5	820.7	801.7	778.6	770.5	763.7	754.2
37.5°	892.8	875.1	862.9	828.9	799.0	773.2	758.2	739.2	733.8	725.6	718.8
40°	850.6	833.0	820.7	786.8	755.5	728.3	718.8	699.8	691.6	682.1	678.1
42.5°	803.1	788.1	771.8	747.4	714.7	687.6	668.5	657.7	646.8	642.7	634.6
45°	752.8	739.2	727.0	699.8	665.8	646.8	630.5	615.5	607.4	600.6	595.2
47.5°	709.3	697.1	680.8	650.9	623.7	606.0	589.7	574.8	566.6	558.5	551.7
50°	659.0	652.2	634.6	606.0	580.2	559.8	544.9	531.3	525.9	516.4	505.5
52.5°	614.2	602.0	587.0	563.9	540.8	516.4	496.0	487.8	478.3	472.9	463.4
55°	561.2	553.0	536.7	516.4	491.9	471.5	456.6	445.7	433.5	428.0	415.8
57.5°	516.4	501.4	493.3	467.4	444.3	424.0	413.1	402.2	388.6	380.5	375.0
60°	467.4	453.8	441.6	419.9	403.6	381.8	365.5	356.0	346.5	335.6	330.2
62.5°	419.9	409.0	394.1	376.4	356.0	338.3	326.1	312.5	307.1	296.2	292.1
65°	368.2	360.1	347.9	327.5	311.2	296.2	284.0	273.1	267.7	263.6	260.9
67.5°	322.0	311.2	303.0	285.4	267.7	255.5	248.7	241.9	235.1	231.0	226.9
70°	274.5	266.3	258.2	241.9	229.6	218.8	213.3	207.9	203.8	199.7	195.7
72.5°	225.6	221.5	213.3	202.5	193.0	184.8	180.7	173.9	169.9	163.1	160.3
75°	186.2	179.4	175.3	165.8	157.6	150.8	145.4	137.2	131.8	129.1	127.7
77.5°	146.8	144.0	138.6	130.4	126.4	119.6	111.4	108.7	106.0	106.0	104.6
80°	110.1	106.0	101.9	95.1	91.0	85.6	85.6	85.6	84.2	85.6	84.2
82.5°	74.7	72.0	69.3	65.2	63.9	63.9	65.2	65.2	65.2	65.2	65.2
85°	43.5	43.5	43.5	44.8	43.5	43.5	44.8	46.2	44.8	44.8	43.5
87.5°	20.4	20.4	21.7	21.7	23.1	23.1	23.1	23.1	23.1	23.1	24.5
90°	8.4	9.2	10.0	12.3	14.6	16.9	19.2	18.4	19.2	19.9	20.7
92.5°	39.1	46.0	52.9	77.5	118.1	158.0	142.7	106.6	75.9	59.1	51.4
95°	69.8	84.8	99.7	164.9	279.2	404.9	454.8	368.9	276.1	187.1	146.5
97.5°	80.5	97.0	113.5	177.9	310.6	522.3	699.5	723.2	634.3	478.6	377.3
100°	92.0	107.0	121.9	175.6	289.1	490.8	726.3	877.4	904.2	842.1	752.4
102.5°	105.1	118.5	131.9	178.7	270.7	444.8	676.4	885.1	994.0	1007.0	964.0
105°	119.6	131.5	143.4	184.8	263.8	408.8	616.6	836.7	997.0	1073.7	1088.3
107.5°	135.7	146.8	158.0	194.8	262.3	382.7	563.7	767.7	951.0	1071.4	1131.2
110°	151.9	162.6	173.3	207.8	266.1	368.9	520.0	703.3	878.9	1020.0	1116.7

TEST NUMBER: P1012245

CATALOG NUMBER: S123RDIP-B1000D805UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	168.7	179.0	189.4	220.9	273.8	361.2	490.8	647.3	807.6	952.5	1063.8
115°	185.6	196.0	206.3	235.5	282.2	360.5	471.7	604.4	746.2	879.7	992.4
117.5°	202.5	212.0	221.6	250.8	293.0	361.2	458.6	576.0	698.7	816.8	920.3
120°	218.6	228.2	237.8	265.4	305.2	364.3	450.2	554.5	662.6	766.2	858.2
122.5°	233.2	243.6	253.9	280.7	316.7	369.7	444.8	536.9	634.3	725.5	809.1
125°	247.7	258.0	268.4	295.3	329.0	375.0	440.2	522.3	609.7	693.3	766.9
127.5°	261.5	271.8	282.2	308.3	339.0	381.2	437.9	508.5	587.5	663.4	730.9
130°	273.8	284.2	294.5	319.8	349.0	387.3	435.6	497.7	566.8	635.8	697.9
132.5°	285.3	295.2	305.2	329.8	358.2	391.9	434.9	487.8	547.6	609.7	666.5
135°	295.3	305.6	316.0	339.8	365.8	396.5	434.1	479.3	530.7	585.2	635.0
137.5°	304.5	314.1	323.7	346.7	372.0	399.6	432.6	471.7	514.6	560.6	605.1
140°	312.1	321.7	331.3	353.6	376.6	402.6	431.8	464.8	500.8	539.9	576.7
142.5°	319.8	328.6	337.5	358.9	381.2	404.9	430.3	458.6	487.8	520.0	550.7
145°	326.0	334.8	343.6	363.5	384.2	405.7	428.7	453.3	477.8	503.1	527.7
147.5°	333.6	341.3	349.0	367.4	386.5	405.7	426.4	447.9	469.4	490.1	510.8
150°	339.8	346.7	353.6	371.2	387.3	405.7	423.4	442.5	460.2	477.8	493.9
152.5°	345.9	352.4	358.9	373.5	388.8	403.4	419.5	436.4	451.7	466.3	480.1
155°	352.8	358.2	363.5	376.6	388.8	401.9	414.9	430.3	443.3	455.6	467.1
157.5°	358.9	363.2	367.4	378.1	389.6	399.6	411.1	423.4	434.1	444.8	454.0
160°	363.5	367.4	371.2	380.4	389.6	398.0	406.5	416.5	426.4	434.9	442.5
162.5°	367.4	370.4	373.5	381.2	388.8	395.0	401.9	409.5	417.2	424.1	431.0
165°	370.4	373.1	375.8	381.9	387.3	391.9	397.3	403.4	409.5	414.1	419.5
167.5°	373.5	375.4	377.3	381.9	386.5	388.8	392.7	397.3	402.6	406.5	409.5
170°	375.8	376.6	377.3	381.2	384.2	385.8	388.1	391.9	395.7	398.0	401.1
172.5°	377.3	377.7	378.1	381.2	383.5	383.5	384.2	386.5	389.6	391.1	393.4
175°	378.1	378.5	378.9	380.4	381.9	381.2	381.2	382.7	384.2	385.0	386.5
177.5°	378.9	378.9	378.9	379.6	381.2	379.6	378.9	379.6	380.4	381.2	381.9
180°	378.9	378.9	378.9	378.9	378.9	378.9	378.9	378.9	378.9	378.9	378.9

TEST NUMBER: P1012245

CATALOG NUMBER: S123RDIP-B1000D805UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1
2.5°	1500.1	1501.5	1497.4	1489.3	1487.9	1490.6	1498.8	1496.1	1489.3	1501.5	1490.6
5°	1417.3	1410.5	1407.7	1410.5	1402.3	1398.2	1406.4	1402.3	1406.4	1407.7	1411.8
7.5°	1337.1	1338.4	1330.3	1331.7	1320.8	1323.5	1323.5	1323.5	1327.6	1330.3	1335.7
10°	1267.8	1270.5	1261.0	1262.4	1254.2	1248.8	1252.8	1261.0	1261.0	1261.0	1263.7
12.5°	1212.1	1199.8	1193.1	1191.7	1182.2	1179.5	1187.6	1190.3	1197.1	1197.1	1201.2
15°	1142.8	1140.1	1134.6	1134.6	1111.5	1117.0	1119.7	1129.2	1142.8	1131.9	1134.6
17.5°	1080.3	1073.5	1066.7	1064.0	1061.2	1053.1	1064.0	1062.6	1070.8	1072.1	1076.2
20°	1024.6	1019.1	1005.5	1006.9	1009.6	997.4	1004.2	1004.2	1012.3	1020.5	1030.0
22.5°	970.2	964.8	958.0	960.7	952.5	949.8	949.8	956.6	966.1	972.9	971.6
25°	928.1	918.6	914.5	910.4	906.3	909.1	905.0	911.8	918.6	922.6	918.6
27.5°	880.5	876.4	868.3	864.2	857.4	860.1	862.9	868.3	872.4	872.4	876.4
30°	834.3	828.9	826.2	822.1	822.1	816.7	818.0	823.5	827.5	831.6	837.0
32.5°	789.5	785.4	781.3	781.3	778.6	777.3	775.9	784.0	784.0	792.2	792.2
35°	752.8	746.0	746.0	739.2	741.9	740.6	737.8	743.3	744.6	750.1	748.7
37.5°	712.0	712.0	709.3	702.5	697.1	698.4	705.2	705.2	709.3	708.0	712.0
40°	671.3	668.5	668.5	664.5	663.1	661.8	663.1	664.5	671.3	669.9	671.3
42.5°	630.5	631.9	625.1	625.1	625.1	621.0	622.3	623.7	626.4	629.1	633.2
45°	591.1	588.4	587.0	584.3	581.6	582.9	581.6	587.0	585.7	588.4	592.4
47.5°	549.0	544.9	543.5	538.1	538.1	540.8	539.5	543.5	544.9	549.0	546.2
50°	508.2	502.8	498.7	500.0	491.9	494.6	494.6	498.7	502.8	504.1	506.8
52.5°	460.6	459.3	457.9	451.1	449.8	448.4	449.8	451.1	456.6	460.6	462.0
55°	414.4	413.1	404.9	402.2	398.1	398.1	400.9	402.2	411.7	413.1	418.5
57.5°	372.3	368.2	358.7	357.4	357.4	357.4	353.3	358.7	361.4	368.2	368.2
60°	326.1	326.1	318.0	318.0	319.3	318.0	318.0	319.3	319.3	324.8	327.5
62.5°	289.4	288.1	288.1	285.4	284.0	285.4	284.0	284.0	285.4	289.4	293.5
65°	256.8	255.5	254.1	252.7	250.0	250.0	251.4	254.1	254.1	256.8	258.2
67.5°	225.6	225.6	222.8	222.8	221.5	220.1	221.5	220.1	225.6	225.6	226.9
70°	194.3	193.0	188.9	187.5	183.4	184.8	184.8	188.9	190.2	193.0	195.7
72.5°	156.3	156.3	153.5	150.8	152.2	149.5	149.5	150.8	150.8	154.9	156.3
75°	129.1	126.4	125.0	126.4	125.0	127.7	125.0	125.0	127.7	127.7	127.7
77.5°	106.0	106.0	104.6	104.6	106.0	104.6	106.0	106.0	106.0	104.6	106.0
80°	87.0	85.6	85.6	85.6	84.2	84.2	84.2	84.2	84.2	84.2	84.2
82.5°	65.2	65.2	63.9	65.2	65.2	63.9	65.2	63.9	63.9	65.2	65.2
85°	43.5	46.2	43.5	43.5	44.8	44.8	46.2	44.8	46.2	43.5	44.8
87.5°	23.1	24.5	24.5	23.1	23.1	24.5	24.5	24.5	25.8	23.1	24.5
90°	21.4	22.2	21.5	22.2	23.0	22.2	23.0	22.2	21.5	22.2	21.4
92.5°	48.7	46.0	44.5	41.4	42.2	40.6	42.2	41.4	44.5	46.0	48.7
95°	132.7	118.9	104.3	97.4	92.0	89.0	92.0	97.4	104.3	118.9	132.7
97.5°	333.6	289.9	238.5	209.4	191.0	182.5	191.0	209.4	238.5	289.9	333.6
100°	698.0	643.5	566.0	510.0	480.1	480.9	480.1	510.0	566.0	643.5	698.0
102.5°	934.5	905.0	849.0	807.6	783.8	761.6	783.8	807.6	849.0	905.0	934.5
105°	1078.4	1068.4	1033.1	1003.9	979.4	975.6	979.4	1003.9	1033.1	1068.4	1078.4
107.5°	1141.6	1152.0	1147.3	1133.5	1123.6	1115.1	1123.6	1133.5	1147.3	1152.0	1141.6
110°	1143.6	1170.4	1191.8	1198.0	1196.4	1194.9	1196.4	1198.0	1191.8	1170.4	1143.6

TEST NUMBER: P1012245

CATALOG NUMBER: S123RDIP-B1000D805UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	1100.2	1136.6	1180.3	1202.6	1210.2	1211.0	1210.2	1202.6	1180.3	1136.6	1100.2
115°	1034.2	1076.0	1133.5	1167.3	1182.6	1186.5	1182.6	1167.3	1133.5	1076.0	1034.2
117.5°	963.6	1007.0	1066.8	1104.4	1127.4	1132.8	1127.4	1104.4	1066.8	1007.0	963.6
120°	897.0	935.7	996.3	1039.2	1057.6	1062.2	1057.6	1039.2	996.3	935.7	897.0
122.5°	844.4	879.7	931.8	969.4	990.1	996.3	990.1	969.4	931.8	879.7	844.4
125°	797.6	828.3	877.4	911.1	930.3	935.7	930.3	911.1	877.4	828.3	797.6
127.5°	759.3	787.7	832.1	861.3	878.9	883.5	878.9	861.3	832.1	787.7	759.3
130°	724.0	750.1	790.7	818.3	834.4	840.6	834.4	818.3	790.7	750.1	724.0
132.5°	691.0	715.6	753.1	780.7	794.6	798.4	794.6	780.7	753.1	715.6	691.0
135°	656.8	678.7	716.3	739.3	753.1	758.5	753.1	739.3	716.3	678.7	656.8
137.5°	624.7	644.2	676.4	700.2	711.7	716.3	711.7	700.2	676.4	644.2	624.7
140°	593.2	609.7	638.9	660.3	672.6	671.8	672.6	660.3	638.9	609.7	593.2
142.5°	564.5	578.3	602.1	620.5	631.2	630.4	631.2	620.5	602.1	578.3	564.5
145°	538.8	549.9	569.1	585.2	591.3	592.8	591.3	585.2	569.1	549.9	538.8
147.5°	518.8	526.9	542.2	553.7	559.9	560.6	559.9	553.7	542.2	526.9	518.8
150°	501.2	508.5	520.0	528.4	533.0	533.0	533.0	528.4	520.0	508.5	501.2
152.5°	485.8	491.6	500.0	507.7	510.0	510.0	510.0	507.7	500.0	491.6	485.8
155°	471.7	476.3	483.2	489.3	490.8	491.6	490.8	489.3	483.2	476.3	471.7
157.5°	457.8	461.7	467.8	472.4	474.0	474.0	474.0	472.4	467.8	461.7	457.8
160°	445.2	447.9	453.3	457.9	457.9	457.1	457.9	457.9	453.3	447.9	445.2
162.5°	433.3	435.6	438.7	442.5	442.5	441.8	442.5	442.5	438.7	435.6	433.3
165°	421.4	423.4	426.4	429.5	428.7	428.7	428.7	429.5	426.4	423.4	421.4
167.5°	411.0	412.6	414.1	416.5	415.7	415.7	415.7	416.5	414.1	412.6	411.0
170°	401.8	402.6	403.4	404.9	404.2	404.2	404.2	404.9	403.4	402.6	401.8
172.5°	393.8	394.2	394.2	395.7	394.2	393.4	394.2	395.7	394.2	394.2	393.8
175°	386.5	386.5	386.5	387.3	386.5	385.8	386.5	387.3	386.5	386.5	386.5
177.5°	381.9	381.9	381.2	381.9	380.4	380.4	380.4	381.9	381.2	381.9	381.9
180°	378.9	378.9	378.9	378.9	378.9	378.9	378.9	378.9	378.9	378.9	378.9

TEST NUMBER: P1012245

CATALOG NUMBER: S123RDIP-B1000D805UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1	1587.1
2.5°	1501.5	1506.9	1501.5	1490.6	1501.5	1508.3	1515.1	1526.0	1531.4	1531.4	1539.6
5°	1415.9	1426.8	1422.7	1420.0	1430.8	1437.6	1448.5	1462.1	1477.0	1486.6	1497.4
7.5°	1339.8	1346.6	1353.4	1353.4	1364.3	1379.2	1395.5	1411.8	1430.8	1444.4	1452.6
10°	1273.2	1278.7	1282.7	1288.2	1304.5	1320.8	1342.5	1362.9	1379.2	1394.2	1407.7
12.5°	1209.4	1217.5	1227.0	1231.1	1243.3	1263.7	1284.1	1308.6	1334.4	1349.3	1362.9
15°	1148.2	1152.3	1163.2	1175.4	1186.3	1208.0	1233.8	1259.6	1281.4	1304.5	1316.7
17.5°	1085.7	1087.1	1115.6	1108.8	1144.1	1164.5	1178.1	1202.6	1237.9	1256.9	1275.9
20°	1024.6	1038.1	1050.4	1057.2	1076.2	1099.3	1138.7	1157.7	1186.3	1203.9	1220.2
22.5°	977.0	997.4	997.4	1013.7	1023.2	1044.9	1073.5	1110.2	1141.4	1153.6	1176.7
25°	934.9	944.4	960.7	966.1	983.8	1002.8	1021.8	1061.2	1095.2	1111.5	1127.8
27.5°	880.5	892.8	914.5	914.5	937.6	958.0	981.1	1006.9	1040.9	1064.0	1081.6
30°	838.4	850.6	860.1	875.1	884.6	903.6	944.4	963.4	993.3	1013.7	1035.4
32.5°	799.0	808.5	816.7	833.0	843.8	865.6	887.3	921.3	947.1	966.1	989.2
35°	755.5	765.0	775.9	788.1	804.4	824.8	845.2	873.7	899.5	917.2	936.2
37.5°	714.7	721.5	737.8	746.0	759.6	778.6	804.4	834.3	857.4	871.0	890.0
40°	675.3	680.8	693.0	708.0	717.5	732.4	759.6	785.4	813.9	830.2	845.2
42.5°	633.2	640.0	650.9	665.8	680.8	697.1	712.0	741.9	767.7	781.3	797.6
45°	596.5	600.6	608.8	623.7	638.7	650.9	674.0	701.2	725.6	736.5	754.2
47.5°	553.0	557.1	569.3	576.1	592.4	608.8	631.9	659.0	680.8	691.6	708.0
50°	508.2	512.3	520.4	535.4	546.2	563.9	584.3	607.4	634.6	649.5	659.0
52.5°	464.7	472.9	479.7	491.9	505.5	523.1	542.2	563.9	587.0	602.0	612.8
55°	421.2	428.0	436.2	443.0	459.3	475.6	497.3	517.7	538.1	551.7	563.9
57.5°	372.3	381.8	390.0	403.6	415.8	429.4	453.8	470.2	494.6	504.1	515.0
60°	330.2	339.7	346.5	357.4	368.2	385.9	402.2	422.6	443.0	455.2	468.8
62.5°	294.9	298.9	303.0	313.9	324.8	341.1	357.4	377.8	399.5	406.3	417.2
65°	259.5	263.6	270.4	279.9	288.1	297.6	315.2	331.6	351.9	362.8	366.9
67.5°	229.6	233.7	235.1	241.9	248.7	259.5	269.0	285.4	304.4	311.2	319.3
70°	195.7	202.5	203.8	209.3	212.0	218.8	229.6	241.9	256.8	269.0	275.8
72.5°	156.3	165.8	168.5	176.6	180.7	187.5	195.7	205.2	214.7	220.1	225.6
75°	127.7	130.4	131.8	138.6	145.4	154.9	159.0	164.4	172.6	179.4	184.8
77.5°	106.0	107.3	108.7	108.7	110.1	115.5	123.7	130.4	135.9	138.6	142.7
80°	85.6	84.2	84.2	85.6	85.6	85.6	88.3	97.8	100.6	107.3	106.0
82.5°	66.6	63.9	65.2	63.9	63.9	63.9	63.9	65.2	65.2	69.3	72.0
85°	43.5	44.8	43.5	43.5	42.1	43.5	42.1	42.1	40.8	40.8	39.4
87.5°	23.1	24.5	23.1	23.1	21.7	23.1	21.7	21.7	20.4	20.4	17.7
90°	20.7	19.9	19.2	18.4	19.2	16.9	14.6	12.3	10.0	9.2	8.4
92.5°	51.4	59.1	75.9	106.6	142.7	158.0	118.1	77.5	52.9	46.0	39.1
95°	146.5	187.1	276.1	368.9	454.8	404.9	279.2	164.9	99.7	84.8	69.8
97.5°	377.3	478.6	634.3	723.2	699.5	522.3	310.6	177.9	113.5	97.0	80.5
100°	752.4	842.1	904.2	877.4	726.3	490.8	289.1	175.6	121.9	107.0	92.0
102.5°	964.0	1007.0	994.0	885.1	676.4	444.8	270.7	178.7	131.9	118.5	105.1
105°	1088.3	1073.7	997.0	836.7	616.6	408.8	263.8	184.8	143.4	131.5	119.6
107.5°	1131.2	1071.4	951.0	767.7	563.7	382.7	262.3	194.8	158.0	146.8	135.7
110°	1116.7	1020.0	878.9	703.3	520.0	368.9	266.1	207.8	173.3	162.6	151.9

TEST NUMBER: P1012245

CATALOG NUMBER: S123RDIP-B1000D805UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	1063.8	952.5	807.6	647.3	490.8	361.2	273.8	220.9	189.4	179.0	168.7
115°	992.4	879.7	746.2	604.4	471.7	360.5	282.2	235.5	206.3	196.0	185.6
117.5°	920.3	816.8	698.7	576.0	458.6	361.2	293.0	250.8	221.6	212.0	202.5
120°	858.2	766.2	662.6	554.5	450.2	364.3	305.2	265.4	237.8	228.2	218.6
122.5°	809.1	725.5	634.3	536.9	444.8	369.7	316.7	280.7	253.9	243.6	233.2
125°	766.9	693.3	609.7	522.3	440.2	375.0	329.0	295.3	268.4	258.0	247.7
127.5°	730.9	663.4	587.5	508.5	437.9	381.2	339.0	308.3	282.2	271.8	261.5
130°	697.9	635.8	566.8	497.7	435.6	387.3	349.0	319.8	294.5	284.2	273.8
132.5°	666.5	609.7	547.6	487.8	434.9	391.9	358.2	329.8	305.2	295.2	285.3
135°	635.0	585.2	530.7	479.3	434.1	396.5	365.8	339.8	316.0	305.6	295.3
137.5°	605.1	560.6	514.6	471.7	432.6	399.6	372.0	346.7	323.7	314.1	304.5
140°	576.7	539.9	500.8	464.8	431.8	402.6	376.6	353.6	331.3	321.7	312.1
142.5°	550.7	520.0	487.8	458.6	430.3	404.9	381.2	358.9	337.5	328.6	319.8
145°	527.7	503.1	477.8	453.3	428.7	405.7	384.2	363.5	343.6	334.8	326.0
147.5°	510.8	490.1	469.4	447.9	426.4	405.7	386.5	367.4	349.0	341.3	333.6
150°	493.9	477.8	460.2	442.5	423.4	405.7	387.3	371.2	353.6	346.7	339.8
152.5°	480.1	466.3	451.7	436.4	419.5	403.4	388.8	373.5	358.9	352.4	345.9
155°	467.1	455.6	443.3	430.3	414.9	401.9	388.8	376.6	363.5	358.2	352.8
157.5°	454.0	444.8	434.1	423.4	411.1	399.6	389.6	378.1	367.4	363.2	358.9
160°	442.5	434.9	426.4	416.5	406.5	398.0	389.6	380.4	371.2	367.4	363.5
162.5°	431.0	424.1	417.2	409.5	401.9	395.0	388.8	381.2	373.5	370.4	367.4
165°	419.5	414.1	409.5	403.4	397.3	391.9	387.3	381.9	375.8	373.1	370.4
167.5°	409.5	406.5	402.6	397.3	392.7	388.8	386.5	381.9	377.3	375.4	373.5
170°	401.1	398.0	395.7	391.9	388.1	385.8	384.2	381.2	377.3	376.6	375.8
172.5°	393.4	391.1	389.6	386.5	384.2	383.5	383.5	381.2	378.1	377.7	377.3
175°	386.5	385.0	384.2	382.7	381.2	381.2	381.9	380.4	378.9	378.5	378.1
177.5°	381.9	381.2	380.4	379.6	378.9	379.6	381.2	379.6	378.9	378.9	378.9
180°	378.9	378.9	378.9	378.9	378.9	378.9	378.9	378.9	378.9	378.9	378.9

TEST NUMBER: P1012245

CATALOG NUMBER: S123RDIP-B1000D805UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1587.1	1587.1	1587.1	1587.1
2.5°	1546.3	1555.9	1574.9	1591.2
5°	1513.7	1528.7	1557.2	1585.8
7.5°	1474.3	1497.4	1534.1	1573.5
10°	1436.3	1466.2	1511.0	1557.2
12.5°	1398.2	1429.5	1477.0	1536.8
15°	1353.4	1386.0	1443.1	1515.1
17.5°	1314.0	1357.5	1409.1	1481.1
20°	1271.9	1304.5	1371.1	1447.2
22.5°	1218.9	1273.2	1335.7	1415.9
25°	1176.7	1224.3	1286.8	1377.9
27.5°	1125.1	1180.8	1256.9	1337.1
30°	1083.0	1129.2	1199.8	1296.3
32.5°	1034.1	1088.4	1161.8	1256.9
35°	990.6	1036.8	1106.1	1202.6
37.5°	939.0	989.2	1066.7	1152.3
40°	894.1	943.0	1016.4	1096.6
42.5°	839.8	891.4	964.8	1032.7
45°	796.3	843.8	902.3	964.8
47.5°	743.3	793.6	850.6	894.1
50°	695.7	741.9	786.8	823.5
52.5°	644.1	686.2	727.0	754.2
55°	596.5	629.1	661.8	680.8
57.5°	540.8	572.1	599.2	610.1
60°	491.9	517.7	535.4	547.6
62.5°	440.3	459.3	472.9	479.7
65°	390.0	403.6	410.4	417.2
67.5°	338.3	350.6	354.7	362.8
70°	284.0	297.6	300.3	304.4
72.5°	243.2	243.2	248.7	254.1
75°	194.3	197.0	199.7	199.7
77.5°	152.2	152.2	154.9	156.3
80°	111.4	112.8	112.8	111.4
82.5°	76.1	78.8	76.1	74.7
85°	42.1	47.6	44.8	44.8
87.5°	17.7	17.7	20.4	17.7
90°	6.9	4.6	3.1	1.5
92.5°	31.4	24.5	16.9	11.5
95°	49.9	36.8	28.4	26.1
97.5°	60.6	49.1	42.2	41.4
100°	73.6	62.9	57.5	56.8
102.5°	89.0	79.0	74.4	72.9
105°	105.1	95.9	91.3	89.0
107.5°	121.9	112.7	108.1	105.8
110°	138.8	130.4	126.5	124.2

TEST NUMBER: P1012245

CATALOG NUMBER: S123RDIP-B1000D805UB35-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	155.7	147.3	143.4	141.1
115°	172.6	164.9	160.3	157.2
117.5°	187.9	181.0	177.2	173.3
120°	204.0	196.3	192.5	190.2
122.5°	219.3	210.9	207.1	204.8
125°	233.2	224.7	220.1	218.6
127.5°	245.4	237.0	231.6	229.3
130°	257.7	248.5	241.6	239.3
132.5°	269.2	257.7	250.0	247.0
135°	279.2	267.7	259.2	256.2
137.5°	288.4	276.1	267.7	264.6
140°	296.8	284.5	276.9	273.0
142.5°	304.5	293.7	285.3	282.2
145°	312.9	301.4	294.5	292.2
147.5°	320.6	310.6	303.7	302.2
150°	329.0	319.0	312.9	312.1
152.5°	336.7	328.3	322.1	322.1
155°	344.4	336.7	332.1	332.1
157.5°	351.3	344.4	340.5	339.8
160°	358.2	352.0	349.0	349.0
162.5°	362.8	358.2	355.9	355.9
165°	367.4	363.5	362.0	362.8
167.5°	371.2	368.1	367.4	368.1
170°	374.3	372.0	371.2	372.7
172.5°	376.6	375.0	375.0	375.8
175°	378.1	376.6	377.3	378.1
177.5°	378.9	378.1	378.9	379.6
180°	378.9	378.9	378.9	378.9

(END OF REPORT)